

10783387\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10783387 on July 28, 2004

Original Classifications

3 210/188  
2 204/157.3  
2 210/745  
2 210/85  
2 250/504R  
2 514/410

Cross-Reference Classifications

7 422/186.3  
5 210/192  
5 250/432R  
4 250/436  
4 422/186  
3 264/40.1  
3 423/213.7  
2 126/714  
2 210/195.1  
2 210/198.1  
2 210/202  
2 210/205  
2 210/259  
2 210/96.1  
2 250/254  
2 250/268  
2 250/431  
2 250/435  
2 250/438  
2 356/318  
2 422/186.07  
2 422/186.18  
2 422/209  
2 436/164  
2 436/172  
2 436/55  
2 514/885  
2 514/908  
2 530/351  
2 604/264  
2 604/403

Combined Classifications

8 422/186.3  
5 210/192

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5 250/432R  
5 422/186  
4 250/436  
3 204/157.3  
3 210/188  
3 250/431  
3 250/435  
3 264/40.1  
3 423/213.7  
2 126/714  
2 210/195.1  
2 210/198.1  
2 210/202  
2 210/205  
2 210/259  
2 210/745  
2 210/748  
2 210/760  
2 210/85  
2 210/96.1  
2 250/254  
2 250/256  
2 250/268  
2 250/269.1  
2 250/438  
2 250/504R  
2 264/496  
2 356/318  
2 422/186.07  
2 422/186.18  
2 422/186.19  
2 422/209  
2 422/24  
2 436/164  
2 436/172  
2 436/55  
2 514/410  
2 514/885  
2 514/908  
2 530/351  
2 604/264  
2 604/403  
2 700/95

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Titles of Most Frequently Occurring Classifications of Patents Returned

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8	422/186.3	(1 OR, 7 XR)
	Class 422 :	CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING
	422/129	CHEMICAL REACTOR
	422/186	.With means applying electromagnetic wave energy or corpuscular radiation to reactants for initiating
		or perfecting chemical reaction
	422/186.3	..With ultraviolet radiation generating means
5	210/192	(0 OR, 5 XR)
	Class 210 :	LIQUID PURIFICATION OR SEPARATION
	210/192	WITH PRELIMINARY CHEMICAL MANUFACTURE
5	250/432R	(0 OR, 5 XR)
	Class 250 :	RADIANT ENERGY
	250/428	FLUENT MATERIAL CONTAINMENT, SUPPORT OR TRANSFER MEANS
	250/432R	.With irradiating source or radiating fluent material
5	422/186	(1 OR, 4 XR)
	Class 422 :	CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING
	422/129	CHEMICAL REACTOR
	422/186	.With means applying electromagnetic wave energy or corpuscular radiation to reactants for initiating
		or perfecting chemical reaction
4	250/436	(0 OR, 4 XR)
	Class 250 :	RADIANT ENERGY
	250/428	FLUENT MATERIAL CONTAINMENT, SUPPORT OR TRANSFER MEANS
	250/432R	.With irradiating source or radiating fluent material
	250/435	..Including a flowthrough transfer means
	250/436	...Flow-enclosed radiation source
3	204/157.3	(2 OR, 1 XR)
	Class 204 :	CHEMISTRY: ELECTRICAL AND WAVE ENERGY
	204/157.15	.Processes of treating materials by wave energy

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204/157.3 ..Removing a component from normally gaseous mixture

3 210/188 (3 OR, 0 XR)  
Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/188 WITH GAS SEPARATOR

3 250/431 (1 OR, 2 XR)  
Class 250 : RADIANT ENERGY  
250/428 FLUENT MATERIAL CONTAINMENT, SUPPORT OR  
TRANSFER MEANS  
250/431 .With cleaning means

3 250/435 (1 OR, 2 XR)  
Class 250 : RADIANT ENERGY  
250/428 FLUENT MATERIAL CONTAINMENT, SUPPORT OR  
TRANSFER MEANS  
250/432R .With irradiating source or radiating fluent  
material  
250/435 ..Including a flowthrough transfer means

3 264/40.1 (0 OR, 3 XR)  
Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR  
TREATING: PROCESSES  
264/40.1 WITH MEASURING, TESTING, OR INSPECTING

3 423/213.7 (0 OR, 3 XR)  
Class 423 : CHEMISTRY OF INORGANIC COMPOUNDS  
423/210 MODIFYING OR REMOVING COMPONENT OF NORMALLY  
GASEOUS MIXTURE  
423/212 .Mixture is exhaust from internal-combustion  
engine  
423/213.2 ..Utilizing as solid sorbent, catalyst, or  
reactant a material containing a transi

n element

423/213.7 ...Including successive stage treatments to  
modify or remove a different component in e

ach stage

2 126/714 (0 OR, 2 XR)  
Class 126 : STOVES AND FURNACES  
126/714 PROCESS OF HEATING BY USING SOLAR HEAT

2 210/195.1 (0 OR, 2 XR)  
Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/194 RECIRCULATION

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210/195.1 .Serially connected distinct treating or  
storage units

2 210/198.1 (0 OR, 2 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/198.1 WITH MEANS TO ADD TREATING MATERIAL

2 210/202 (0 OR, 2 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/198.1 WITH MEANS TO ADD TREATING MATERIAL  
210/200 .Plural distinct separators  
210/201 ..Serially connected  
210/202 ...Diverse type

2 210/205 (0 OR, 2 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/198.1 WITH MEANS TO ADD TREATING MATERIAL  
210/205 .With distinct reactor tank, trough or  
compartment

2 210/259 (0 OR, 2 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/252 SERIALLY CONNECTED DISTINCT TREATING WITH OR  
WITHOUT STORAGE UNITS  
210/259 .Diverse

2 210/745 (2 OR, 0 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/600 PROCESSES  
210/739 .Including controlling process in response to  
a sensed condition  
210/745 ..Turbidity or optically sensing

2 210/748 (1 OR, 1 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/600 PROCESSES  
210/748 .Utilizing electrical or wave energy (directly  
applied to liquid or material being treated  
)

2 210/760 (1 OR, 1 XR)

Class 210 : LIQUID PURIFICATION OR SEPARATION  
210/600 PROCESSES  
210/749 .Chemical treatment  
210/758 ..By oxidation  
210/760 ...Utilizing ozone

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- 2 210/85 (2 OR, 0 XR)  
     Class 210 : LIQUID PURIFICATION OR SEPARATION  
     210/85 WITH ALARM, INDICATOR, REGISTER, RECORDER,  
             SIGNAL OR INSPECTION MEANS
  
- 2 210/96.1 (0 OR, 2 XR)  
     Class 210 : LIQUID PURIFICATION OR SEPARATION  
     210/96.1 CONSTITUENT MIXTURE VARIATION RESPONSIVE
  
- 2 250/254 (0 OR, 2 XR)  
     Class 250 : RADIANT ENERGY  
     250/253 GEOLOGICAL TESTING OR IRRADIATION  
     250/254 .With drill or drilling
  
- 2 250/256 (1 OR, 1 XR)  
     Class 250 : RADIANT ENERGY  
     250/253 GEOLOGICAL TESTING OR IRRADIATION  
     250/256 .Well testing apparatus and methods
  
- 2 250/268 (0 OR, 2 XR)  
     Class 250 : RADIANT ENERGY  
     250/253 GEOLOGICAL TESTING OR IRRADIATION  
     250/256 .Well testing apparatus and methods  
     250/268 ..With well-engaging means
  
- 2 250/269.1 (1 OR, 1 XR)  
     Class 250 : RADIANT ENERGY  
     250/253 GEOLOGICAL TESTING OR IRRADIATION  
     250/256 .Well testing apparatus and methods  
     250/269.1 ..With source and detector
  
- 2 250/438 (0 OR, 2 XR)  
     Class 250 : RADIANT ENERGY  
     250/428 FLUENT MATERIAL CONTAINMENT, SUPPORT OR  
             TRANSFER MEANS  
     250/432R .With irradiating source or radiating fluent  
             material  
     250/435 ..Including a flowthrough transfer means  
     250/438 ...With a flow-modifying surface
  
- 2 250/504R (2 OR, 0 XR)  
     Class 250 : RADIANT ENERGY  
     250/493.1 RADIANT ENERGY GENERATION AND SOURCES  
     250/503.1 .With radiation modifying member  
     250/504R ..Ultraviolet or infrared source
  
- 2 264/496 (1 OR, 1 XR)  
     Class 264 : PLASTIC AND NONMETALLIC ARTICLE SHAPING OR

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TREATING: PROCESSES

264/484 .Utilizing electrostatic charge, field, force  
(e.g., pinning, etc.)  
264/494 .Polymerizing, cross-linking, or curing (e.g.,  
utilizing ultraviolet radiation, etc.)  
264/496 ..While contacting a shaping surface (e.g., in  
mold curing, etc.)

2 356/318 (0 OR, 2 XR)  
Class 356 : OPTICS: MEASURING AND TESTING  
356/300 BY DISPERSED LIGHT SPECTROSCOPY  
356/311 .With sample excitation (e.g., burning)  
356/317 ..By light  
356/318 ...Monochromatic (e.g., laser)

2 422/186.07 (0 OR, 2 XR)  
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
DEODORIZING, PRESERVING, OR STERILIZING  
422/129 CHEMICAL REACTOR  
422/186 .With means applying electromagnetic wave  
energy or corpuscular radiation to reacta  
nts for initiating  
or perfecting chemical reaction  
422/186.04 ..Electrostatic field or electrical discharge  
422/186.07 ...Ozonizers

2 422/186.18 (0 OR, 2 XR)  
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
DEODORIZING, PRESERVING, OR STERILIZING  
422/129 CHEMICAL REACTOR  
422/186 .With means applying electromagnetic wave  
energy or corpuscular radiation to react  
ants for initiating  
or perfecting chemical reaction  
422/186.04 ..Electrostatic field or electrical discharge  
422/186.07 ...Ozonizers  
422/186.18 ....Cylindrical electrode

2 422/186.19 (1 OR, 1 XR)  
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
DEODORIZING, PRESERVING, OR STERILIZING  
422/129 CHEMICAL REACTOR  
422/186 .With means applying electromagnetic wave  
energy or corpuscular radiation to reac  
tants for initiating  
or perfecting chemical reaction

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422/186.04 ..Electrostatic field or electrical discharge

422/186.07 ...Ozonizers

422/186.18 ....Cylindrical electrode

422/186.19 .....With heating or cooling means

2 422/209 (0 OR, 2 XR)

Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
DEODORIZING, PRESERVING, OR STERILIZING

422/129 CHEMICAL REACTOR

422/209 .Including means rotating reaction chamber  
during use

2 422/24 (1 OR, 1 XR)

Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,  
DEODORIZING, PRESERVING, OR STERILIZING

422/1 PROCESS DISINFECTING, PRESERVING, DEODORIZING,  
OR STERILIZING

422/22 .Using direct contact with electrical or  
electromagnetic radiation

422/24 ..Ultraviolet

2 436/164 (0 OR, 2 XR)

Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING

436/164 OPTICAL RESULT

2 436/172 (0 OR, 2 XR)

Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING

436/164 OPTICAL RESULT

436/172 .With fluorescence or luminescence

2 436/55 (0 OR, 2 XR)

Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL  
TESTING

436/55 CONDITION RESPONSIVE CONTROL

2 514/410 (2 OR, 0 XR)

Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING  
COMPOSITIONS

514/1 DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAININ

G (DOAI)

514/183 .Heterocyclic carbon compounds containing a  
hetero ring having chalcogen (i.e., O,S,  
Se or Te) or  
nitrogen as the only ring hetero atoms D



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t  
oles, etc.)  
514/359 ..Five-membered hetero ring containing at least one nitrogen ring atom (e.g., 1,2,3-triazoles, etc.)  
514/408 ...The five-membered hetero ring consists of one nitrogen and four carbons  
514/410 ....Polycyclo ring system having the five-membered hetero ring as one of the cyclos

2 514/885 (0 OR, 2 XR)  
Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS  
514/885 IMMUNE RESPONSE AFFECTING DRUG

2 514/908 (0 OR, 2 XR)  
Class 514 : DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS  
514/908 LEUKEMIA

2 530/351 (0 OR, 2 XR)  
Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS  
THEREOF  
530/350 PROTEINS, I.E., MORE THAN 100 AMINO ACID RESIDUES  
530/351 .Lymphokines, e.g., interferons, interlukins, etc.

2 604/264 (0 OR, 2 XR)  
Class 604 : SURGERY  
604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)  
604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously other than by diffusing through skin  
604/93.01 ..Material introduced or removed through conduit, holder, or implantable reservoir inserted in body  
604/264 ...Body inserted tubular conduit structure (e.g., needles, cannulas, nozzles, trocars,

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catheters,

etc.)

2 604/403 (0 OR, 2 XR)

Class 604 : SURGERY

604/403 CONTAINER FOR BLOOD OR BODY TREATING MATERIAL,  
OR MEANS USED THEREWITH (E.G., NEEDLE FOR P

IERCING

CONTAINER CLOSURE, ETC.)

2 700/95 (1 OR, 1 XR)

Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
SPECIFIC APPLICATIONS

700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS

700/95 .Product assembly or manufacturing